

Instrumented roller bearing

Patent number: EP1037051
Publication date: 2000-09-20
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Classification:
 - international: G01P3/44
 - european: G01P3/44B
Application number: EP20000400536 20000229
Priority number(s): FR19990003336 19990317

Also published as:

US6338576 (B1)
 JP2000297815 (A)
 FR2791103 (A1)
 EP1037051 (B1)

Cited documents:

US4915512
 US5564839
 EP0665436

Abstract of EP1037051

Instrumented bearing (1) has outer ring (7), inner ring (9), rows of bearing elements (11) placed between two bearing races (8, 10) and rotation detection mechanism (15). This mechanism comprises coder (16) and sensor (17) placed on block attached to outer ring. Bearing has mechanism to immobilize non-rotating section on support, and to allow relative axial displacement of bearing on support.

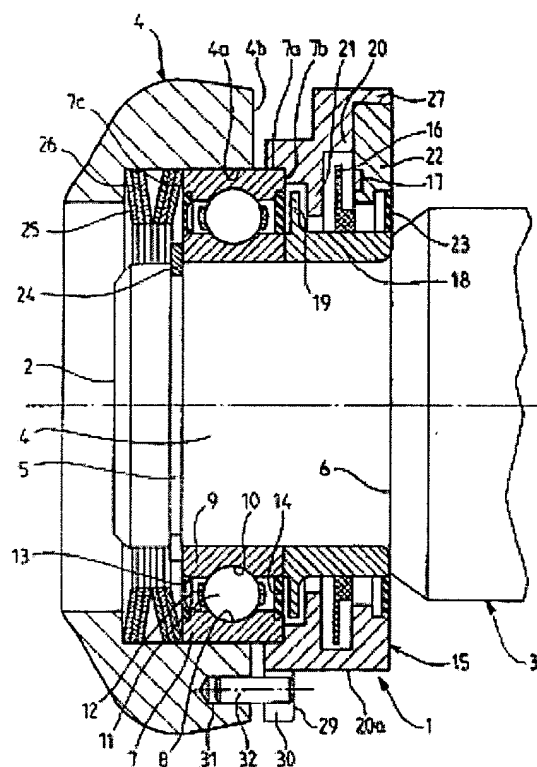


FIG. 1